
















EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE


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[illegible]

17	A1	Jiang et al., "Cloning and Characterization of R-PTP-K, a New Member of the Receptor Protein Tyrosine Phosphatase Family with a Proteolytically Cleaved Cellular Adhesion Molecule-Like Extracellular Region," <i>Molecular and Cellular Biology</i> 13(5):2942-2951 (1993)
	A2	LaForgia et al., "Receptor protein-tyrosine phosphatase gamma is a candidate tumor suppressor gene at human chromosome region 3p21". <i>Proc. Natl. Acad. Sci. USA</i> 88: 5036-5040, (1991).
	A3	Daum et al., "Characterization of a human recombinant receptor-linked protein tyrosine phosphatase", <i>J. Biol. Chem.</i> , 266: 12211-12215 (1991).
	A4	Gebbink, et al., "Cloning, Expression and Chromosomal Localization of a New Putative Receptor-like Protein Tyrosine Phosphatase", <i>FEBS Lett.</i> 290:123-130 (1991)
	A5	Kaplan et al., "Cloning of three human tyrosine phosphatases reveals a multigene family of receptor-linked protein-tyrosine-phosphatases expressed in brain," <i>Proc. Natl. Acad. Sci. USA</i> 87:7000-7004 (1990)



**EXAMINER:** Initial if citation considered, whether or not citation is in compliance with MPEP 609; Draw line through citation if not in compliance and not considered. Include any copy of this form with next communication to applicant.

Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 038602/1246	SERIAL NO. <b>09887669</b> <del>Not Yet Assigned</del>
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)		APPLICANT Joseph Schlessinger, et al.	
		FILING DATE October 1, 2001	GROUP ART UNIT <b>1646</b> <del>Not Yet Assigned</del>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	A6	Sap et al., "Cloning and expression of a widely expressed receptor tyrosine phosphatase," <i>Proc. Natl. Acad. Sci. USA</i> 87:6112-6116 (1990)	
	A7	George and Parker, "Preliminary characterization of phosphotyrosine phosphatase activities in human peripheral blood lymphocytes: Identification of CD45 as a phosphotyrosine phosphatase", <i>J. Cell Biochem.</i> 42: 71-81 (1990).	
	A8	Nishi, et al., "Novel Putative Protein Phosphatases Identified by the Polymerase Chain Reaction". <i>FEBS Lett.</i> 271:178-180 (1990)	
	A9	Jirik et al., "Cloning of a novel receptor-linked protein tyrosine phosphatase from a human hepatoblastoma cell line", <i>FASEB J.</i> 4A: 2082 (Abstr. 2253) (1990).	
	A10	Jirik et al., "Cloning and chromosomal assignment of a widely expressed human receptor-like protein-tyrosine phosphatase," <i>FEBS Letters</i> 273(1,2):239-242 (1990)	
	A11	Krueger et al., "Structural diversity and evolution of human receptor-like protein tyrosine phosphatases," <i>The EMBO Journal</i> 9(10):3241-3252 (1990)	
	A12	Matthews et al., "Identification of an additional member of the protein-tyrosine-phosphatase family: Evidence for alternative splicing in the tyrosine phosphatase domain," <i>Proc. Natl. Acad. Sci. USA</i> 87:4444-4448 (1990)	
	A13	Ohagi et al., "Sequence of a cDNA encoding human LRP (leukocyte common antigen-related peptide)", <i>Nucl. Acids Res.</i> 18: 7159 (1990).	
	A14	Streull et al., "Distinct functional roles of the two intracellular phosphatase like domains of the receptor-linked protein tyrosine phosphatases LCA and LAR", <i>EMBO J.</i> 9: 2399-2407 (1990).	
	A15	Streuli et al., "A new member of the immunoglobulin superfamily that has a cytoplasmic region homologous to the leukocyte common antigen", <i>J. Exp. Med.</i> 168: 1523-1530 (1988).	
	A16	Tonks et al., "Demonstration That the Leukocyte Common Antigen CD45 is a Protein Tyrosine Phosphatase," <i>Biochemistry</i> 27(24):8695-8701 (1988)	
	A17	Charbonneau et al., "The leukocyte common antigen (CD45): A putative receptor-linked protein tyrosine phosphatase," <i>Proc. Natl. Acad. Sci. USA</i> 85:7182-7186 (1988)	
	A18	Ralph et al., "Structural variants of human T200 glycoprotein (leukocyte-common antigen)", <i>EMBO J.</i> 6: 1251-1257 (1987).	
	A19	Tian et al., "Three receptor-linked protein-tyrosine phosphates are selectively expressed on central nervous system axons in the <i>Drosophila</i> embryo". <i>Cell</i> 67: 675-685 (1991).	
	A20	Yang et al., "Two <i>Drosophila</i> receptor-like tyrosine phosphatase genes are expressed in a subset of developing axons and pioneer neurons in the embryonic CNS". <i>Cell</i> 67: 661-673 (1991).	




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<u>W</u>	A21	Hariharan et al., "Cloning and characterization of a receptor-class phosphotyrosine phosphatase gene expressed on central nervous system axons in <i>Drosophila melanogaster</i> ", <i>Proc. Natl. Acad. Sci. USA</i> 88: 11266-11270 (1991).					
	A22	Streuli et al., "A family of receptor-linked protein tyrosine phosphatases in humans and <i>Drosophila</i> ", <i>Proc. Natl. Acad. Sci. USA</i> 86: 8698-8702 (1989).					
	A23	Yi et al., "Protein tyrosine phosphatase containing SH2 domains: characterization, preferential expression in hematopoietic cells, and localization to human chromosome 12p12-p13", <i>Mol. and Cell. Biol.</i> 12: 836-846 (1992).					
	A24	Gu et al., "Identification, cloning, and expression of a cytosolic megakaryocyte protein-tyrosine-phosphatase with sequence homology to cytoskeletal protein 4.1", <i>Proc. Natl. Acad. Sci. USA</i> 88: 5867-5871 (1991).					
	A25	Chernoff et al., "Cloning of a cDNA for a major human protein-tyrosine phosphatase," <i>Proc. Natl. Acad. Sci. USA</i> 87:2735-2739 (1990)					
	A26	Guan et al., "Cloning and expression of a protein-tyrosine-phosphatase," <i>Proc. Natl. Acad. Sci. USA</i> 87:1501-1501 (1990)					
	A27	Charbonneau et al., "Human placenta protein-tyrosine-phosphatase: Amino acid sequence and relationship to a family of receptor-like proteins," <i>Proc. Natl. Acad. Sci. USA</i> 86:5252-5256 (1989)					
	A28	Cool et al., "cDNA isolated from a human T-cell library encodes a member of the protein-tyrosine-phosphatase family," <i>Proc. Natl. Acad. Sci. USA</i> 86:5257-5761 (1989)					
	A29	Pallen et al., Purification of a phosphotyrosine phosphatase that dephosphorylates the epidermal growth-factor receptor autophosphorylation sites, <i>Ann. N.Y. Acad. Sci.</i> 551: 299-308 (1988).					
	A30	Zheng et al., "Cell transformation and activation of pp60 <i>c-src</i> by overexpression of a protein tyrosine phosphatase". <i>Nature</i> 359: 336-339 (1992).					
	A31	Haughn et al., "Association of tyrosine kinase p56 <sup>lck</sup> with CD4 inhibits the induction of growth through the $\alpha\beta$ T-cell receptor". <i>Nature</i> 358: 328-331 (1992).					
	A32	Mustelin et al., "Rapid activation of the T-cell tyrosine protein kinase pp56 <sup>lck</sup> by the CD45 phosphotyrosine phosphatase", <i>Proc. Natl. Acad. Sci. USA</i> 86: 6302-6306 (1989).					
	A33	Ostergaard et al., "Expression of CD45 alters phosphorylation of the <i>lck</i> -encoded tyrosine protein kinase in murine lymphoma T-cell lines", <i>Proc. Natl. Acad. Sci. USA</i> 86: 8959-8963 (1989).					
	A34	Klarlund, "Transformation of cells by an inhibitor of phosphatases acting on phosph tyrosine in proteins", <i>Cell</i> 41: 707-717 (1985).					
<u>V</u>	A35	Beckmann and Bork, "An Adhesive Domain Detected In Functionally diverse receptors," <i>TIBS</i> 18:40-41 (1993)					

*M. Schlessinger* 9/29/04

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	A36	O'Bryan et al., "axl, a transforming gene isolated from primary human myeloid leukemia cells, encodes a novel receptor tyrosine kinase". <i>Mol. Cell. Biol.</i> 11: 5016-5031 (1991).					
	A37	Rescigno et al., "A putative receptor tyrosine kinase with unique structural topology". <i>Oncogene</i> 6: 1909-1913 (1991).					
	A38	Burgoon et al., "Structure of chicken neuron-glia cell adhesion molecule, Ng-CAM: origin of the polypeptides and relation to the Ig superfamily". <i>J. Cell. Biol.</i> 112: 1017-1029 (1991).					
	A39	Bieber et al., "Drosophila neuroglian: a member of the immunoglobulin superfamily with extensive homology to the vertebrate neural adhesion molecule L1". <i>Cell</i> 59: 447-460 (1989).					
	A40	Takagi et al., "The A5 Antigen, a Candidate for the Neuronal Recognition Molecule, Has Homologies to Complement Components and Coagulation Factors," <i>Neuron</i> 7:295-307 (1991)					
	A41	Blaschuk et al., "Identification of a Conserved Region Common to Cadherins and Influenza Strain A Hemagglutinins," <i>J.Mol. Biol.</i> 211:679-682 (1990)					
	A42	Hosaka et al., "Arg-X-Lys/Arg-Arg motif as a signal for precursor cleavage catalyzed by furin within the constitutive secretory pathway". <i>J. Biol. Chem.</i> 266: 12127-12130 (1991).					
	A43	Kornblihtt et al., "Primary structure of human fibronectin: differential splicing may generate at least 10 polypeptides from a single gene". <i>EMBO J.</i> 4: 1755-1759 (1985).					
	A44	Schlessinger and Ullrich, "Growth Factor Signalling by Receptor Tyrosine Kinases," <i>Neuron</i> 9:383-391 (1992)					
	A45	Pot and Dixon, "A thousand and two protein tyrosine phosphatases," <i>Biochimica et Biophysica Acta</i> 1136:35-43 (1992)					
	A46	Fischer et al., "Protein Tyrosine Phosphatases: A Diverse Family of Intracellular and Transmembrane Enzymes," <i>Science</i> 253:401-406 (1991)					
	A47	Saito and Streuli, "Molecular Characterization of Protein Tyrosine Phosphatases," <i>Cell Growth &amp; Differentiation</i> 2(1):59-65 (1991)					
	A48	Klausner and Samelson, "T cell antigen receptor activation pathways: The tyrosine kinase connection". <i>Cell</i> 64: 875-878 (1991).					
	A49	Kjellen and Lindahl, "Proteoglycans: structures and interactions". <i>Ann. Rev. Biochem.</i> 60: 443-475 (1991).					
	A50	Ullrich and Schlessinger, "Signal Transduction by Receptors with Tyrosine Kinase Activity," <i>Cell</i> 61:203-212 (1990)					



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	A51	Hunter, "Protein-Tyrosine Phosphatases: The Other Side of the Coin," <i>Cell</i> 58:1013-1016 (1989)					
	A52	Thomas, "The leukocyte common antigen family", <i>Ann. Rev. Immunol.</i> 7: 339-369 (1989).					
	A53	Yarden and Ullrich, "Growth Factor Receptor Tyrosine Kinases," <i>Ann. Rev. Biochem.</i> 57:443-478 (1988)					
	A54	Maniatis, et al., <i>Molecular Cloning: A Laboratory Manual, 2nd Edition</i> , Cold Spring Harbor Laboratory Press (1989) (TABLE OF CONTENTS - ALL THREE VOLUMES)					
	A55	Sambrook et al., <i>Molecular Cloning, Second Edition</i> , vol. 3 pp. 16.2-16.30 and 17.2-17.28, Cold Spring Harbor Laboratory Press, New York, (1989).					
	A56	Hoffman et al., "Kinetics of Homophilic Binding by Embryonic and Adult forms of the Neural Cell Adhesion Molecule". <i>Proc. Natl. Acad. Sci., USA</i> 80:5762-5766 (1983).					
	A57	Colwell, et al., "Methods in Enzymology", <i>Academic Press, Inc.</i> 121, 42-51, (1986)					

